



International Society for Concrete Pavements

Welcome to the 8th Conference

Greetings from the President



It is my pleasure to welcome you all to the 8th International Conference on Concrete Pavements and to beautiful Colorado Springs. This promises to be one of the best conferences ever on concrete pavement technology. With over 450 attendees (from 26 countries and 38 US states) already registered in advance, this will also be one of the best-attended conference. We will have four days of in-depth discussions on many current issues related to concrete pavement analysis/design, concrete material/construction, testing/performance, and repair/rehabilitation. These discussions will take us many steps forward in our quest to produce safer, smoother and longer lasting concrete pavements that can be constructed and maintained with minimal impact on the traveling public.

At this conference we will also continue to pay homage to the many engineers, scientists and technologists, the pioneers, who came before us and contributed to the many innovations and best practices. More work is still needed to continue to optimize the practices for concrete pavements and it is a challenge to all of us to carry on the work of the pioneers. The future of concrete pavement technology is bright. Concrete pavements, with an excellent service record in both highway and airport applications, will continue to be an important pavement alternative.

Finally, as you participate in the technical discussions over the next few days, please take some time and interact with your fellow attendees and develop long lasting relationships. And most of all take some time to also enjoy the magnificent Colorado Springs attractions and do visit Pikes Peak.

Enjoy the 8th Conference. Please contact Mark, Dan or me or the Purdue University Conference staff if we can make your stay here more enjoyable.

Shiraz Tayabji, President, ISCP
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Continuing Education Units at the Colorado Conference

Attendees of the 8th International Conference will be eligible for Continuing Education Units (CEU) through Purdue University. Details concerning registration for CEU credits will be provided at the conference.

History of the International Conferences on Concrete Pavements

This year's International Conference on Concrete Pavements will mark the 8th in this series of successful conferences held every four years and the second conference organized by the International Society for Concrete Pavements. The first six conferences were organized by Purdue University, starting in 1977. Purdue University is still quite involved in the conference planning as their Office for Continuing Education and Conferences handled many of the details in arranging this conference in Colorado Springs. While the first six conferences were held either in Indianapolis or at Purdue University's campus in West Lafayette, Indiana, the seventh conference was held in Orlando, Florida. Subsequent conferences will be held at other locations.

Quarterly E-Newsletter
Special
Conference Edition

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ISCP WOULD LIKE TO THANK THE CONFERENCE CO-SPONSORS

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Colorado DOT

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Purdue University

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Sixth International Conference on Concrete Pavement Design and Materials for High Performance, Indianapolis, Indiana, 1997.

- T.J. Pasko for recognition of his contributions to concrete pavement research

Seventh International Conference on Concrete Pavements, Orlando, Florida, 2001. (Three-way tie)

- "Development and Calibration of a Mechanistic Design Procedure for Jointed Plain Concrete Pavements" by

Bengt F. Friberg

Bengt F. Friberg was born in Sweden and graduated from the Royal Institute of Technology in Stockholm with a degree in engineering. He came to the United States in 1927 and began working as a structural engineer.

He joined American Concrete Institute (ACI) Committee 325, Concrete Pavements, when it was formed in 1948 and was extensively involved in committee activities for nearly four decades. Several sections of ACI 325.7R-88 "Recommendations for Designing Prestressed Concrete Pavements," were based on Friberg's research. He is also responsible for the most widely used techniques for analyzing the behavior of groups of dowel in jointed concrete pavements.

Today, Bengt F. Friberg is internationally recognized for his contributions to the technology of highway and airport pavements, especially in the areas of dowels, subgrade friction, and prestressed slabs. He holds more than a dozen U.S. patents for invented products for highway and building concrete construction.

In 1991, he was named an Honorary Member of the ACI "for significant contributions of theory and knowledge on the distribution of forces on dowels in concrete pavements and for the development of the technology used in building economical prestressed concrete pavements."

Robert (Bob) G. Packard

Bob Packard is most widely known for the concrete pavement thickness design procedures he developed while working at PCA. A recipient of many awards and recognitions, Bob was awarded the Hartmann-Hirschman Award by ACPA in 1997, in recognition of his leadership in developing design procedures for concrete airfields, highways and local roads and for expanding the transportation community's knowledge of concrete pavement engineering.

Bob served on the program committee for the 3rd, 4th, 5th, and 6th International Conferences on Concrete Pavements (then organized by Purdue University) and published papers

B. Frank McCullough

Dr. Frank McCullough is known nationally and internationally as the "Father of Continuously Reinforced Concrete Pavement" for his pioneering and continuing development work in Continuously Reinforced, Post Tensioned, and Precast Concrete pavements. His research and design in the area of pavement has led to numerous specifications, design methods, and construction procedures for concrete pavement used by the Texas Department of Transportation and countless transportation agencies around the United States and the world.

In 1957, Dr. McCullough was employed at the Texas Highway Department as a Design-Research Engineer. He was

M.I. Darter, L. Khazanovich, M.B. Snyder, S. Rao, and J. Hallin

- "Performance of Arizona's SHRP SPS-4 Joint Sealing Experiment" by K.T. Hall, L.D. Evans, J.A. Crovetti, C.E. Correa, and L. Scofield
- "Measurement and Analysis of Slab Curvature in JPC Pavements Using Profiling Technology" by D. Sixbey, M. Swanlund, N. Gargarin, and J.R. Mekemson

Mr. Friberg has passed away, but his many contributions to concrete pavement engineering are still with us today and continue to be relevant. In memory of Bengt F. Friberg and his many contributions to the highway design and analysis professions, an award was set up in his name at the 7th International Conference on Concrete Pavements to recognize the outstanding paper by a younger author at each conference. This award will be presented during the conference closing.

Previous Bengt F. Friberg award recipients

Seventh International Conference on Concrete Pavements, Orlando, Florida, September 9-13, 2001. (Three-way tie)

- "The Measured Response of Ultra-Thin and Thin Whitetopping to Environmental Loads" by J.M. Vandenbosche
- "Effects of Temperature and Moisture on the Response of Jointed Concrete Pavements" by C. Rao, E.J. Barenberg, M.B. Snyder, and S.K. Schmidt
- "Investigation of the Optimum Time for Cutting Joints in Concrete Roads" by M. Löfsjögård

in the proceedings from the 1st to 5th International Conferences on Concrete Pavements. He was also actively involved in technical committees of the Transportation Research Board, the American Concrete Institute, the American Society of Civil Engineers, and the American Society of Testing and Materials.

Bob passed away on December 3, 2004. To honor his contribution to our field, the ACPA Concrete Pavement Education Foundation and ISCP will bestow an award for the best paper on concrete pavement analysis and design starting with the 8th International Conference.

determined to become a transportation researcher and professor, and enrolled in evening classes at the University of Texas to pursue his goals. After completing his doctoral degree at the University of California at Berkeley in 1969, he joined the faculty at the University of Texas at Austin and is currently Professor Emeritus of Civil Engineering.

To honor Dr. McCullough's contribution to the concrete pavement field, the International Society for Concrete Pavements will initiate the B.F. McCullough Award for the best student poster presentation from the 8th International Conference's Research In-Progress poster session.

ISCP Needs Your Help!

The growth and success of ISCP depends upon its ability to provide its members with valuable services. To that end, the officers and board members are soliciting YOUR input to assist in identifying and prioritizing member needs and useful products and services.

Please take a few minutes to think about how ISCP can better serve the profession in general and the membership in particular! Then go to the ISCP website (www.concretepavements.org) and click on the "Forum" tab. Then click on the first discussion item ("Member Input to Improve Society Value"), read the original message, click "reply", and leave your message!

(NOTE: if you haven't yet registered, you will need to do so before you can participate in the Forum! See the article below in this newsletter for further instructions.)

Register to use the ISCP online electronic forum!

The ISCP electronic forum provides members with an opportunity to share information, obtain up-to-date information on Society activities, to discuss technical issues and Society matters, and to vote on various issues. If you're not a registered user, you're missing out on one of the benefits of Society membership!

To register, do the following:

1. Go to the ISCP webpage at www.concretepavements.org and click on the "Forum" tab on the left side of the homepage.
2. Click on the "Register" link and follow the instructions for either a Global (access to any EZBoard message board) or Local (ISCP message board only) registration (either will work). Remember your selected login name and password – you'll need it for all future visits to the forum.
3. After you complete the registration form, an e-mail will be sent to the address you provided. Click on the link within the e-mail to validate your registration.
4. That's all – you're ready to use the forum!

If you have any questions regarding the registration or use of the forum, please contact Mark Snyder at msnyder@concretepavements.org or by phone at 412-221-8450.

January 2006 Meeting Date: A New On-Line Poll

The January 2005 Annual Meeting was held on the Saturday evening before the Annual Meeting of the Transportation Research Board in Washington, D.C., USA. While this meeting date and time seemed to work well, a Sunday evening meeting might be more convenient for many ISCP members.

Which meeting date would YOU prefer for 2006? Please vote using the ISCP electronic forum (on the ISCP website at www.concretepavements.org).



The ISCP Quarterly Newsletter is edited and maintained by Jake Hiller and Dr. Erwin Kohler. Any suggestions or additions to future newsletters are welcomed at newsletter@concretepavements.org.

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